

I CLAIM:

1. A positioning and buffering device for knee joint of an artificial limb, comprising a knee cap head, an interlinking device including two arch plates, a buffering device, a spring device and a knee cap body module, characterized
5 in that the knee cap head is connected to the thigh, and the lower edge of the knee cap body is for the connection to the limb and the leg bottom; the buffering device includes an interlinking rod, an interlinking support and hydraulic cylinder and the spring device includes a spring and a spring support, the interlinking rod is connected to a recess within the knee cap head and an
10 elastic block is placed within the recess such that the piston rod of the hydraulic cylinder is mounted at a recess of the interlinking rod and a needle shaft and a spindle are used for mounting, the through hole of the interlinking rod are provided with two protruded lugs of the interlinking support and are positioned using a needle shaft or screw such that the through hole at the lower
15 section of the hydraulic cylinder and the through hole at the interlinking support housing are positioned by a spindle, the through hole at the lower section of the hydraulic cylinder with the through hole at one side of the knee cap head allow the interlinking support to hold, and two arch plates are used to fasten the knee cap head and are positioned using the screw nuts, the lower
20 edge of the housing for the interlinking support is provided with a block body

having screw holes mounted with a buffering block, and is positioned to a flat board near to the knee cap body, and the lower edge of the knee cap body is connected to the shank and the recess of the leg bottom having mounted with the spring device, the recess of the spring support is connected to the rounded
5 portion of the interlinking support and the protruded pillar at the lower section of the spring is mounted to a spring and fastened with an adjustable screw.